

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor :Shingo HASHIMOTO

Filed :Concurrently herewith

For :SEMICONDUCTOR DEVICE

Serial Number :Concurrently herewith

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

February 17, 2004

INFORMATION DISCLOSURE STATEMENT

SIR:

In order to comply with discretionary regulations 37 CFR 1.97 and 1.98, attached hereto is a copy of Form PTO-1449. Copies of the documents listed thereon were made of record in the parent case, U.S. Patent Application No.: 10/136,980 filed May1, 2002. These documents contain information which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

As this Statement is being filed prior to issuance of a first Office Action, no fee is due.

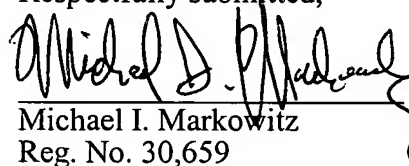
The present Disclosure Statement is being submitted in compliance with 37 CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended

that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

Any fee due with this paper may be charged on Deposit Account 50-1290.

Respectfully submitted,


Michael I. Markowitz
Reg. No. 30,659

Customer No.: 026304
Docket No: NECW 19.698

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Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1449/PTO	U.S. Department of Commerce Patent and Trademark Office	Application No. :
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheet 1 of 1		Filing Date :
		First Named Inventor: S. HASHIMOTO
		Group Art Unit :
		Examiner Name :
		Attorney Docket No. : NECW 19.698

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		5,585,663		BEZAMA, et al.	12/17/1996	
		4,267,633		SEILER	05/19/1981	
		2002/0014680		TOTTORI	02/2002	
		6,372,554		KAWAKITA, et al.	04/2002	
		5,469,981		SRIKRISHNAN, et al.	11/1995	
		4,032,949		BIERIG	06/1997	
		2002/006330305		KOIKE	05/2002	

FOREIGN DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
		61-110447	JP	Mitsubishi Electric Corp.	05/28/1986	
		08-046050	JP	Nec Corp.	02/16/1996	
		2000-182393	JP	Nec Corp.	06/30/2000	
		01/88981	WO	INFINEON TECHNOLOGIES NORTH AMERICA CORP, et al.	11/22/2001	

Other Prior Art-Non Patent Literature Documents

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check her if English language translation attached
Examiner Signature		Date Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1⁶ if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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